

1st and Final bill

Name of work: Improvements to roads and drains at B Sector main and cross roads in ward no -04.

Work Order No: BBMP / EE/ YNK.D / W.O / 128 /2018-19 dt: 07-03-2019.

JOB NUMBER: 004-19-000010

Estimate Cost: 100.00 lakhs.

As No: EE/ YNK.D/ AS / 76/2018-19 dt 02-03-2019.

Ts No : CE / YNK.Z/ TS / 272 /2018-19 dt 02-03-2019.

Name of Contractor : KRIDL.

PRE - MEASUREMENTS

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift up to 1.5m,excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	cum							
	for RCC drain								
	15th B cross road house no 1067 to 1082 LHS		1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	18.00	1.20	1.00	21.60		
	RHS		1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	6.60	1.20	1.00	7.92		
	house no 1114 to 1097 LHS		1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	6.60	1.20	1.00	7.92		
	RHS		1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	30.00	1.20	1.00	36.00		
			1	16.10	1.20	1.00	19.32		
	4th B main road house no 1141 to PWD quattras RHS		1	30.00	1.20	1.00	36.00		
			1	1.00	1.20	1.00	1.20		
			1	8.50	1.20	1.00	10.20		
			1	18.00	1.20	1.00	21.60		
	LHS		1	22.70	1.20	1.00	27.24		
			1	11.00	1.20	1.00	13.20		
			1	9.00	1.20	1.00	10.80		

Measurements Rechecked on 26/06/19



Ramagereah

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
cross road radha krishna house		1	30.00	1.20	1.00	36.00		
		1	28.00	1.20	1.00	33.60		
culverts		1	7.40	1.80	1.30	17.32		
		1	8.10	1.80	1.30	18.95		
Road cut portion road edge LHS								
15th B cross road house no 1067 to 1082		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	3.20	(1.8+1.7)/2	0.20	1.12		
house no 1114 to 1097		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	29.00	(1.6+1.7)/2	0.20	9.57		
4th B main road house no 1141 to PWD quattras		1	24.00	(1.7+1.8)/2	0.20	8.40		
		1	9.90	(1.8+1.7)/2	0.20	3.47		
		1	15.60	(1.7+1.8)/2	0.20	5.46		
		1	11.10	(1.8+1.7)/2	0.20	3.89		
		1	8.80	(1.7+1.8)/2	0.20	3.08		
		1	12.70	(1.8+1.7)/2	0.20	4.45		
		1	17.00	(1.7+1.8)/2	0.20	5.95		
Road cut portion road edge RHS								
15th B cross road house no 1067 to 1082		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	3.20	(1.8+1.7)/2	0.20	1.12		
house no 1114 to 1097		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	29.00	(1.6+1.7)/2	0.20	9.57		
4th B main road house no 1141 to PWD quattras		1	24.00	(1.7+1.8)/2	0.20	8.40		
		1	9.90	(1.8+1.7)/2	0.20	3.47		
		1	15.60	(1.7+1.8)/2	0.20	5.46		
		1	11.10	(1.8+1.7)/2	0.20	3.89		
		1	8.80	(1.7+1.8)/2	0.20	3.08		
		1	12.70	(1.8+1.7)/2	0.20	4.45		
		1	17.00	(1.7+1.8)/2	0.20	5.95		
						1205.82		



Ramajewar

26/06/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ದಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M2100-10 Providing and laying plain cement concrete of mix 1:3:6 with OPC @ 220 Kgs with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum in foundation machanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials labour, HOM curing form works scaffolding and centering complete as per specification.								
		Cum							
	for RCC drain								
	15th B cross road house no 1067 to 1082 LHS		1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	18.50	1.10	0.15	3.05		
			1	9.10	1.10	0.15	1.50		
			1	20.80	1.10	0.15	3.43		
	RHS		1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	6.60	1.10	0.15	1.09		
	house no 1114 to 1097 LHS		1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
	RHS		1	6.60	1.10	0.15	1.09		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	16.10	1.10	0.15	2.66		
	4th B main road house no 1141 to PWD quatras RHS		1	30.00	1.10	0.15	4.95		
			1	1.00	1.10	0.15	0.17		
			1	8.50	1.10	0.15	1.40		
			1	18.00	1.10	0.15	2.97		
	LHS		1	22.70	1.10	0.15	3.75		
			1	11.00	1.10	0.15	1.82		
			1	9.00	1.10	0.15	1.49		
	cross road radha krishna house		1	30.00	1.10	0.15	4.95		
			1	28.00	1.10	0.15	4.62		
	culverts		1	7.40	1.50	0.15	1.67		
			1	8.10	1.50	0.15	1.82		
	Net Qty						126.56		

Measurements continued on 12/07/19



Ram Anjanah
12/07/19

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಮತ್ತು ಮಹಾನ್ಯ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಕೆ, ಬೆಂಗಳೂರು-108

No.	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500	Tonne							
	for RCC drain								
	15th B cross road house no 1067 to 1082 LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 108.50 Mtr = 108.50 / 0.1 + 1 = 1086 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	1086	2.50				2715.00	
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	108.45				2385.90	
	10mm dia U shap bar at 100mm c/c								
	Length = 9.10 Mtr = 9.10 / 0.1 + 1 = 92 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	92	2.50				230.00	
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	9.05				199.10	
	Length = 20.80 Mtr = 20.80 / 0.1 + 1 = 209 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	209	2.50				522.50	
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	20.75				456.50	
	RHS								
	Length = 156.60 Mtr = 156.60 / 0.1 + 1 = 1567 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	1567	2.50				3917.50	
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	156.55				3444.10	
	House no 1114 to 1097 LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 156.60 Mtr = 156.60 / 0.1 + 1 = 1567 Nos								
	Each u shape bar length = 2.80 mtr	10 mm dia	1567	2.50				3917.50	



Ramajanezh
20/07/19

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕ ಬುಪನಗರೆ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	25	156.55			3913.75		
House no 1114 to 1097 RHS								
Length = 136.10 Mtr =								
136.10/0.1 +1 = 1362 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	1362	2.50			3405.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	136.05			2993.10		
4th B main RHS								
10mm dia U shap bar at 100mm c/c								
Length = 31.00 Mtr = 31.0 /0.1 +1 = 311 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	311	2.50			777.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	30.05			661.10		
Length = 8.50 Mtr = 8.50 /0.1 +1 = 86 Nos								
Each u shape bar length = 2.50 mts	10 mm dia	86	2.50			215.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	8.45			185.90		
10mm dia U shap bar at 100mm c/c								
Length = 18.00 Mtr = 18.0 /0.1 +1 = 181 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	181	2.50			452.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	17.95			394.90		
LHS								
10mm dia U shap bar at 100mm c/c								
Length = 31.70 Mtr = 31.70 +1 = 318 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	318	2.50			795.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	31.65			696.30		
10mm dia U shap bar at 100mm c/c								
Length = 11.00 Mtr = 11.00 /0.1 +1 = 111 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	111	2.50			277.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	10.95			240.90		
Radha krishna house road								



Ram narendar
20/11/19

ಸಹಾಯಕ-ಕಾರ್ಯ ನಿರ್ವಹಣಾ ಅಧಿಕಾರಿಗಳು
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10mm dia U shap bar at 100mm c/c								
Length = 58.00 Mtr = 58.00 / 0.1								
+1 = 581 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	581	2.50					
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	57.95			1452.50		
						1274.90		
for culvert								
12mm dia U shap bar at 200mm c/c								
Length = 7.40 0 Mtr = 9.00 / 0.2								
+1 = 38 Nos								
Each u shape bar length = 3.55 mtrs	12 mm dia	38	3.55					
	12 mm dia	37	3.55			134.90		
						131.35		
10 mm dia Distrubution bar at 125 mm c/c	10mm dia	27	7.35					
	10mm dia	18	7.35			198.45		
						132.30		
for culvert								
12mm dia U shap bar at 200mm c/c								
Length = 8 10 Mtr = 8 10 / 0.2								
+1 = 42 Nos								
Each u shape bar length = 3.35mtrs	12 mm dia	42	3.35					
	12 mm dia	41	3.35			140.70		
						137.35		
10 mm dia Distrubution bar at 125 mm c/c	10mm dia	27	8.05					
	10mm dia	18	8.05			217.35		
						144.90		
ABSTRACT								
16mm dia bar	0.00	1 580	0.00					
12mm dia bar	544.30	0.888	483.34					
10mm dia bar	19370.50	0.617	11951.60					
8mm dia bar	16846.45	0.395	6654.35					
			19089.28					
						19089.28		
						19.089		
			Tonne			19.089		

Ramaneesh

Ramaneesh A2

20/7/19

Saujeer
ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ ಬೆಂಗಳೂರು-106